

4.2.1. 06010208090.

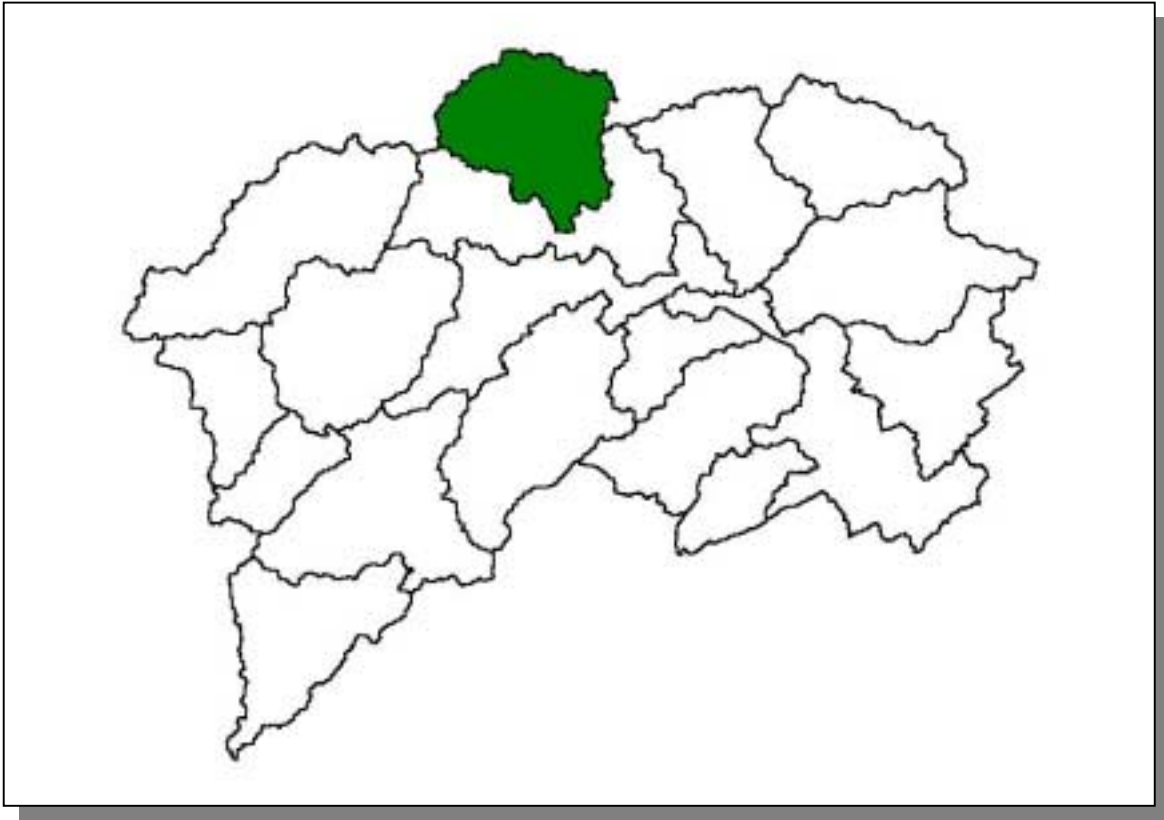


Figure 4-47. Location of Subwatershed 06010208090. All Emory HUC-14 subwatershed boundaries are shown for reference.

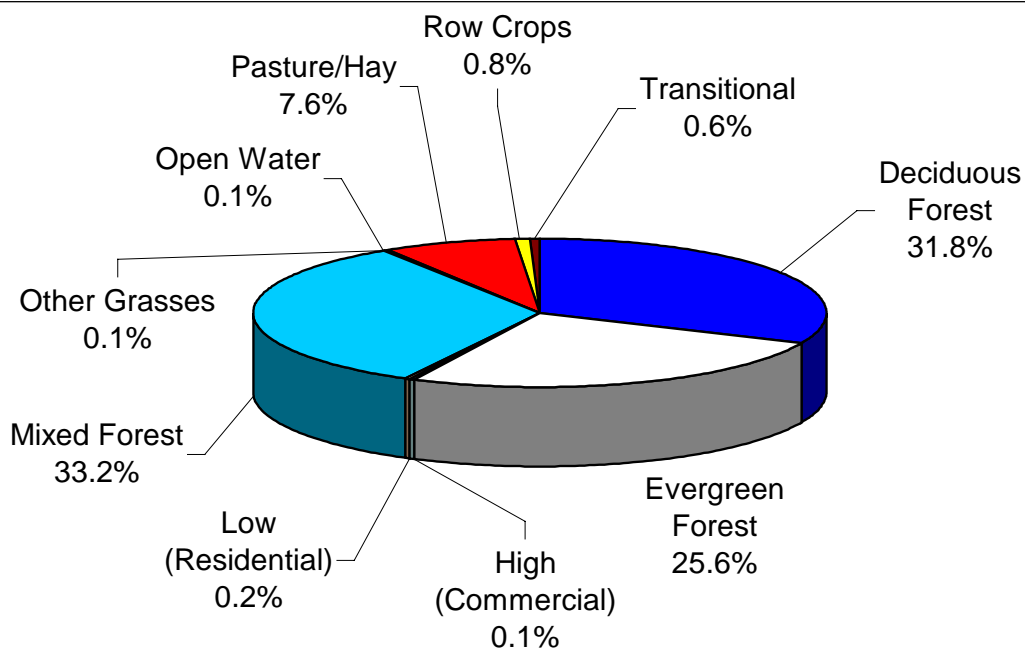


Figure 4-48. Land Use Distribution in Subwatershed 06010208090. More information is provided in Emory-Appendix IV.

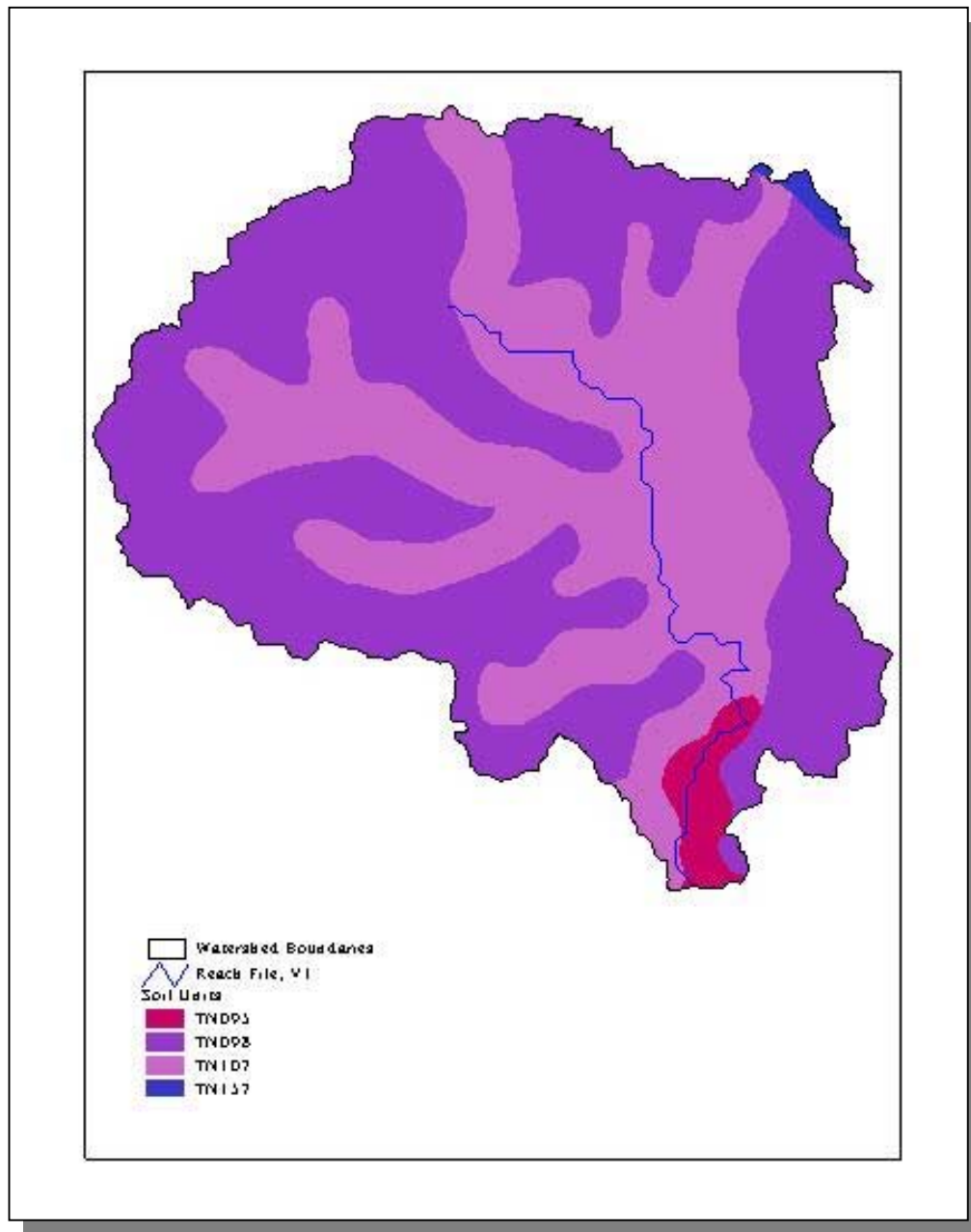


Figure 4-49. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010208090.

| STATSGO MAP UNIT ID | PERCENT HYDRIC | HYDROLOGIC GROUP | PERMEABILITY (in/hour) | SOIL pH | ESTIMATED SOIL TEXTURE | SOIL ERODIBILITY |
|------------------------|-------------------|---------------------|---------------------------|------------|---------------------------|---------------------|
| TN095 | 0.00 | B | 2.35 | 5.12 | Loam | 0.31 |
| TN098 | 1.00 | C | 3.98 | 4.82 | Loam | 0.32 |
| TN107 | 1.00 | C | 6.34 | 4.84 | Loam | 0.28 |
| TN157 | 0.00 | B | 2.38 | 4.62 | Loam | 0.28 |

Table 4-50. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010208090. More information is provided in Emory-Appendix IV

| | COUNTY POPULATION | | | ESTIMATED POPULATION IN WATERSHED | | % CHANGE |
|---------------|----------------------|---------------|-----------------------------|---|--------------|------------|
| County | 1990 | 1997 Est. | Portion of Watershed (%) | 1990 | 1997 | |
| Fentress | 14,669 | 15,920 | 0.41 | 60 | 65 | 8.3 |
| Morgan | 17,300 | 18,521 | 9.47 | 1,637 | 1,753 | 7.1 |
| Totals | 31,969 | 34,441 | | 1,697 | 1,818 | 7.1 |

Table 4-51. Population Estimates in Subwatershed 06010208090.



Figure 4-50. Location of STORET Monitoring Sites in Subwatershed 06010208090. More information is provided in Emory-Appendix IV.

4.2.I.ii. Point Source Contributions.

No Contributions.

4.2.I.iii. Nonpoint Source Contributions.

| LIVESTOCK (COUNTS) | | | | | | |
|--------------------|--------|----------|----------|---------------|------|-------|
| Beef Cow | Cattle | Milk Cow | Chickens | Chickens Sold | Hogs | Sheep |
| 1,008 | 2,003 | 54 | <5 | 557,280 | 47 | 8 |

Table 4-52. Summary of Livestock Count Estimates in Subwatershed 06010208090.
According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

| County | INVENTORY | | REMOVAL RATE | |
|--------------|---------------------------------|---------------------------------|---------------------------------------|-----------------------------------|
| | Forest Land (thousand acres) | Timber Land (thousand acres) | Growing Stock (million cubic feet) | Sawtimber (million board feet) |
| Fentress | 244.1 | 244.1 | 3.6 | 14.3 |
| Morgan | 287.8 | 276.2 | 3.5 | 10.9 |
| Total | 531.9 | 520.3 | 7.1 | 25.2 |

Table 4-53. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 06010208090.

| CROP | TONS/ACRE/YEAR |
|---------------------------------------|----------------|
| Non Agricultural Land Use | 0.00 |
| Corn (Row Crops) | 7.53 |
| Soybeans (Row Crops) | 6.00 |
| Other Vegetable and Truck Crops | 15.94 |
| Legume Grass (Hayland) | 0.22 |
| Grass (Pastureland) | 0.44 |
| Grass, Forbs, Legumes (Mixed Pasture) | 0.12 |
| Forest Land (Grazed) | 0.00 |
| Forest Land (Not Grazed) | 0.00 |
| Farmsteads and Ranch Headquarters | 0.05 |
| Wheat (Close Grown Cropland) | 43.40 |
| Grass (Hayland) | 0.77 |

Table 4-54. Annual Estimated Total Soil Loss in Subwatershed 06010208090.